

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,317,464	Q1.L.A	University of North Carolina at Chapel Hill
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	\$1,671,247	Q3.S.C	Duke University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,209,900	Q3.L.D	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$967,343	Q4.Other	University of North Carolina at Chapel Hill
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	\$821,227	Q4.S.B	Duke University
A longitudinal MRI study of brain development in fragile X syndrome	\$622,099	Q2.S.D	University of North Carolina at Chapel Hill
Social communication and symbolic play intervention for preschoolers with autism	\$574,966	Q4.Other	University of North Carolina at Chapel Hill
Neural circuitry of social cognition in the broad autism phenotype	\$562,311	Q2.S.G	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome	\$517,519	Q2.L.A	University of North Carolina at Chapel Hill
Administrative Core	\$512,062	Other	University of North Carolina at Chapel Hill
Behavioral Measurement Core	\$512,058	Other	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	\$490,000	Q4.S.B	Duke University
Sensory experiences in children with autism	\$486,700	Q1.Other	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees	\$483,824	Q3.L.B	University of North Carolina at Chapel Hill
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.S.B	Massachusetts Institute of Technology
Imaging signal transduction in single dendritic spines	\$390,000	Q2.Other	Duke University
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$349,926	Q7.I	University of North Carolina at Chapel Hill
Sensory experiences in children with autism (supplement)	\$315,122	Q1.Other	University of North Carolina at Chapel Hill
Regulation of 22q11 genes in embryonic and adult forebrain	\$305,105	Q2.S.D	University of North Carolina at Chapel Hill
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$270,000	Q1.L.A	University of North Carolina at Chapel Hill
Emotion-modulated psychophysiology of autism spectrum disorders	\$258,981	Q1.Other	University of North Carolina at Chapel Hill
Early intervention for children screened positive for autism by the First Year Inventory	\$199,984	Q4.S.F	University of North Carolina at Chapel Hill
Characterization of a novel mouse model of restricted repetitive behaviors	\$184,844	Q4.S.B	University of North Carolina at Chapel Hill
Optogenetic analysis of circuits for vocal recognition	\$156,000	Q2.Other	Duke University

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Functional neuroimaging of psychopharmacologic intervention for autism	\$155,901	Q2.L.B	University of North Carolina at Chapel Hill
Sex differences in early brain development: Brain development in Turner syndrome	\$150,049	Q2.S.D	University of North Carolina at Chapel Hill
MRI study of brain development in school age children with autism	\$149,864	Q2.L.A	University of North Carolina at Chapel Hill
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	\$127,500	Q2.Other	University of North Carolina at Chapel Hill
Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$111,000	Q4.Other	University of North Carolina at Chapel Hill
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$106,609	Q3.S.F	East Carolina University
Multisensory processing in autism	\$104,607	Q2.Other	University of North Carolina at Chapel Hill
The effectiveness of special education services for children with autism: A national longitudinal study	\$93,533	Q4.Other	University of North Carolina at Chapel Hill
Neurologin regulation of central GABAergic synapses	\$78,000	Q2.S.D	Duke University
An investigation of neuropsychological endophenotypes in autism and fragile X	\$73,938	Q2.S.D	University of North Carolina at Chapel Hill
Clinical and Bioinformatics Core (supplement)	\$39,796	Q3.L.B	Duke University
Allosteric potentiators of the oxytocin system for the control of social motivation	\$25,000	Q3.Other	University of North Carolina at Chapel Hill
Neurogenetics of candidate systems in autism (supplement)	\$23,730	Q3.L.B	Duke University
Restricted and repetitive behaviors in young children with autism (supplement)	\$23,131	Q2.Other	Duke University
Genetic studies in autism on chromosome 7 (supplement)	\$17,887	Q3.L.B	Duke University
Molecular Analysis Core (supplement)	\$17,853	Q3.L.B	Duke University
Wiring the brain: From genetic to neuronal networks	\$13,000	Q2.Other	University of North Carolina at Chapel Hill
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$0	Q4.S.B	University of North Carolina School of Medicine
Social cognition and interaction training for adolescents with high functioning autism	\$0	Q4.S.F	University of North Carolina at Chapel Hill

